(ور

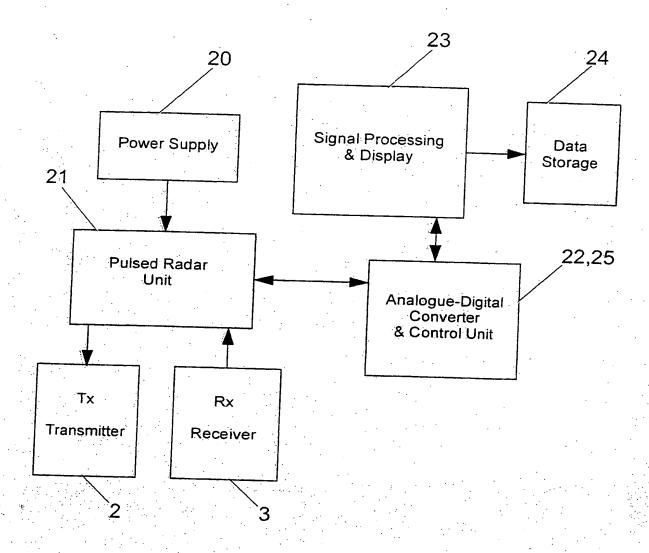
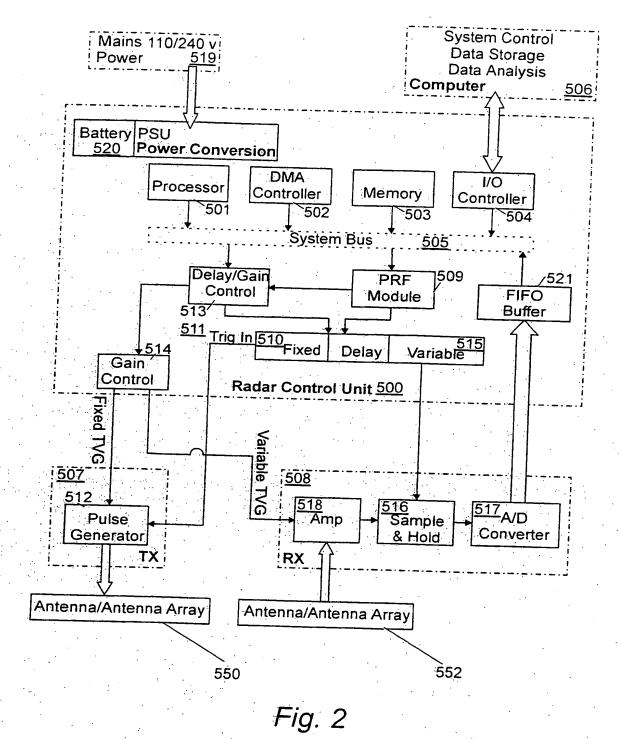


Fig. 1



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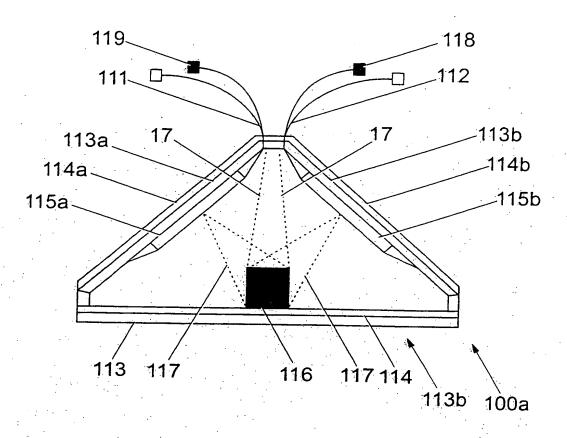


Fig. 3A



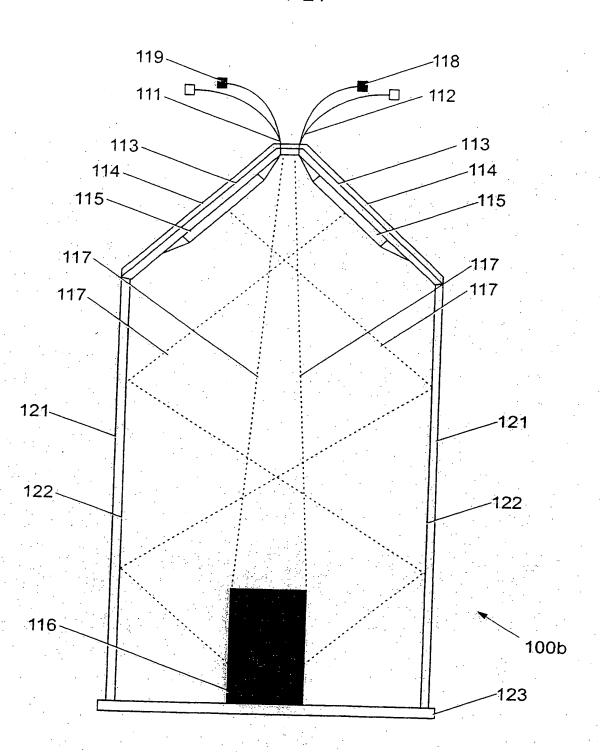


Fig. 3B

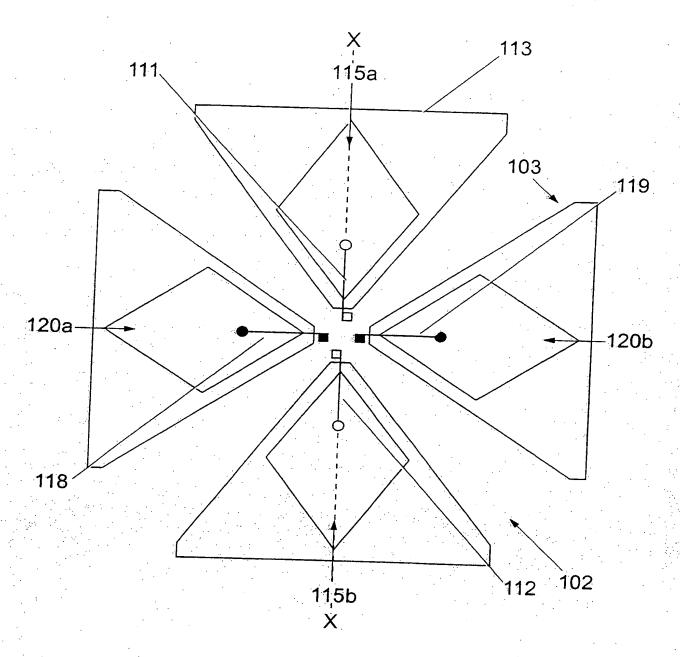


Fig. 4

PCT/GB00/03431

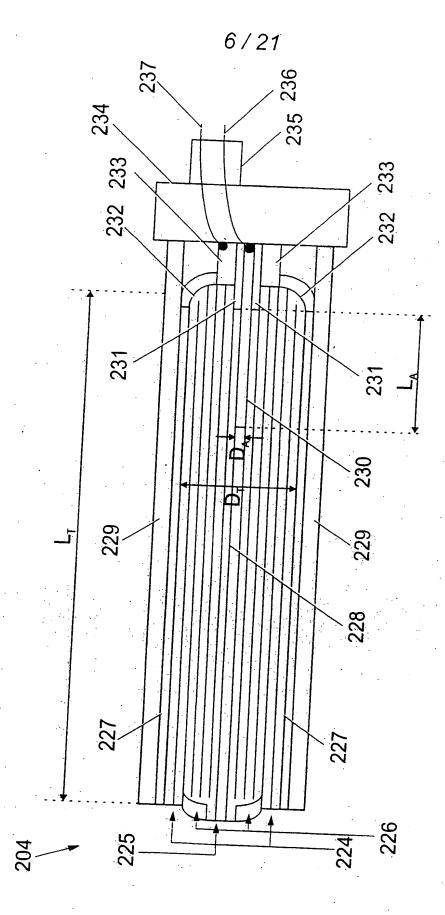
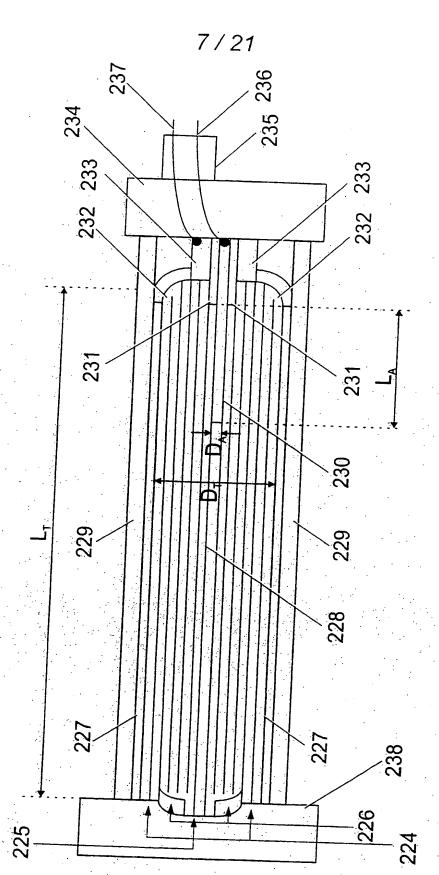


Fig. 5/

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Fig. 5B



SUBSTITUTE SHEET (RULE 26)

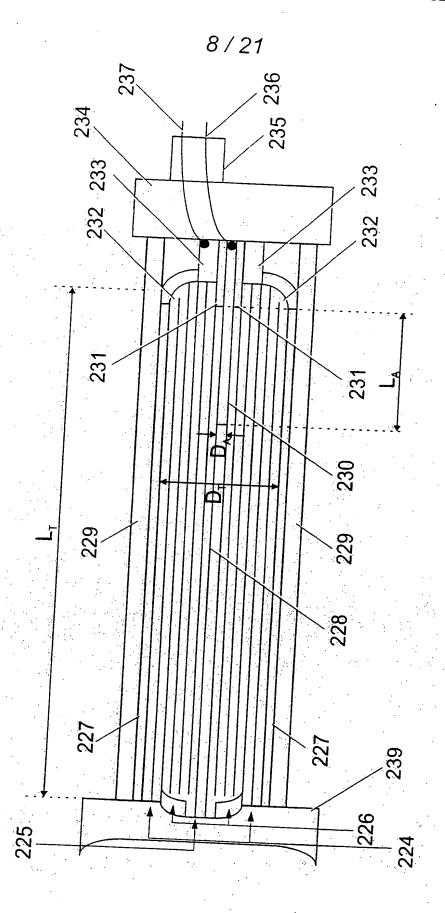
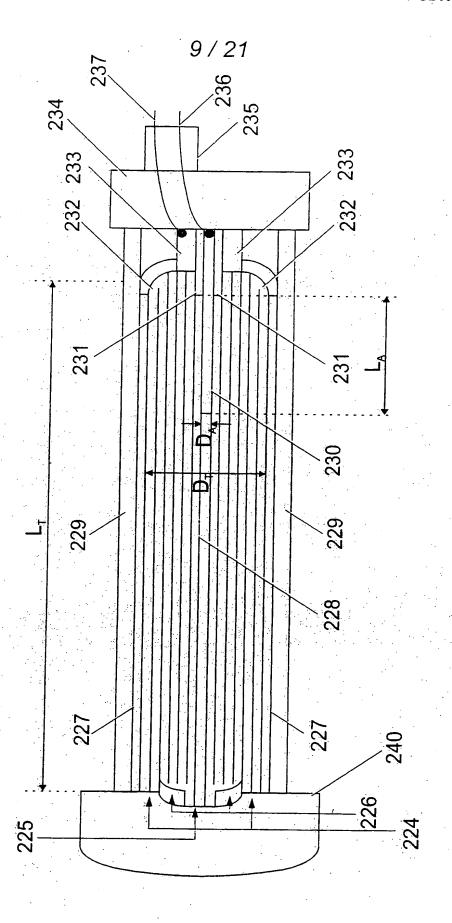
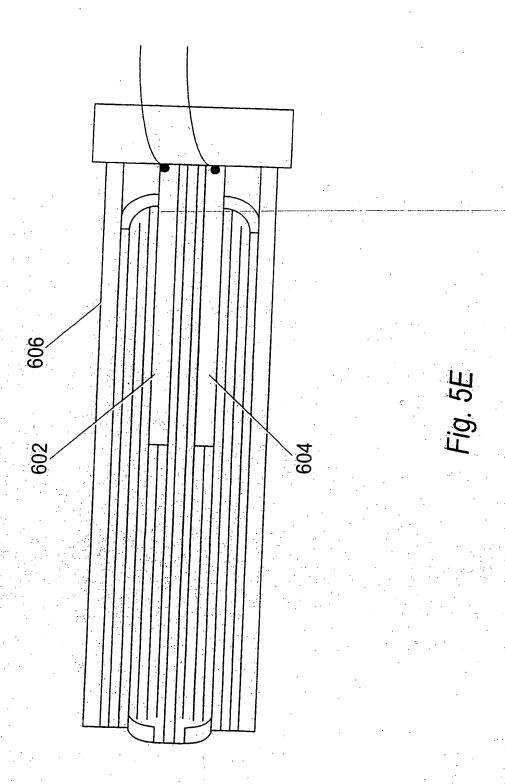
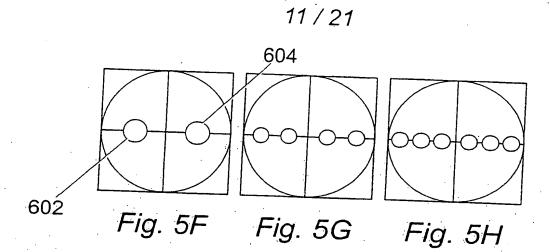


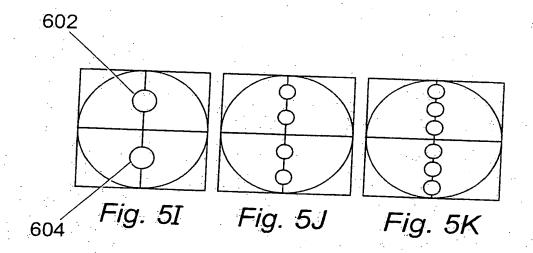
Fig. 5C

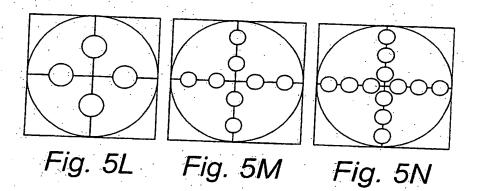


SUBSTITUTE SHEET (RULE 26)









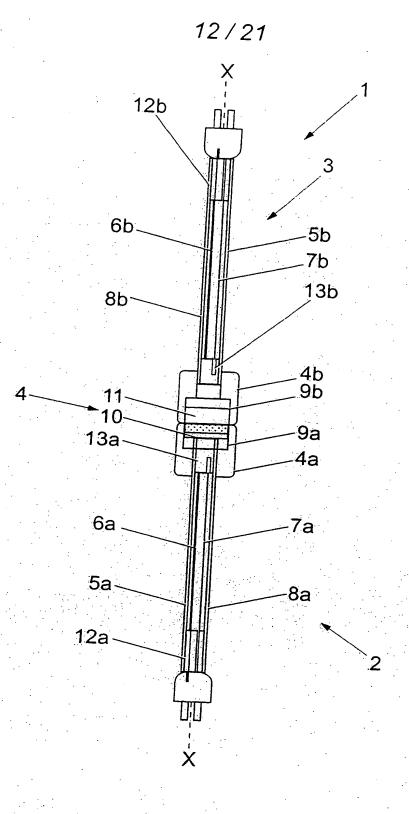


Fig. 6A

Fig. 6B

SUBSTITUTE SHEET (RULE 26)

PCT/GB00/03431

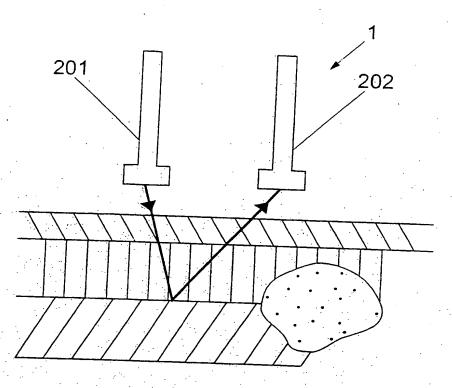


Fig. 7A

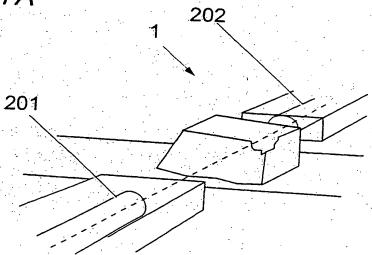


Fig. 7B

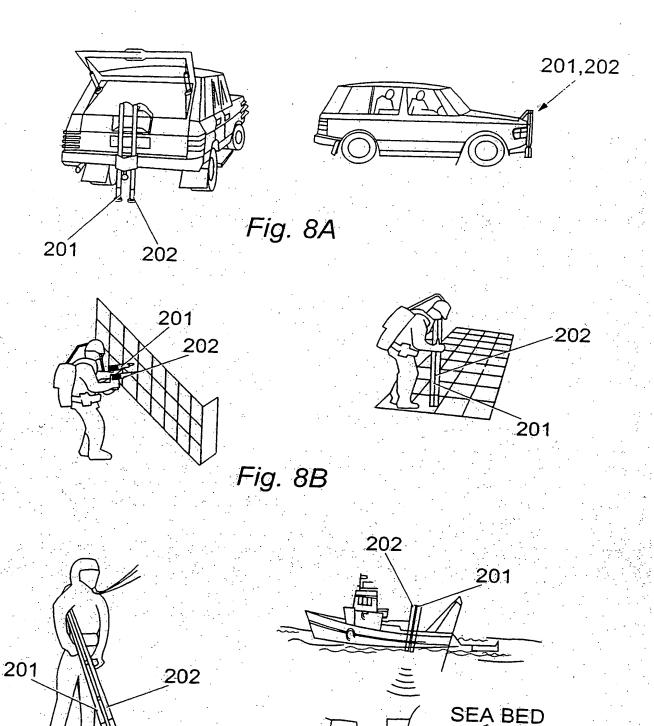
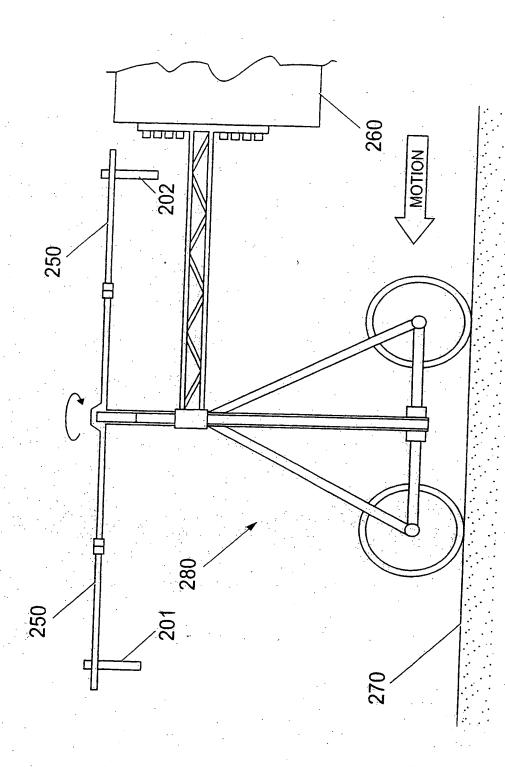
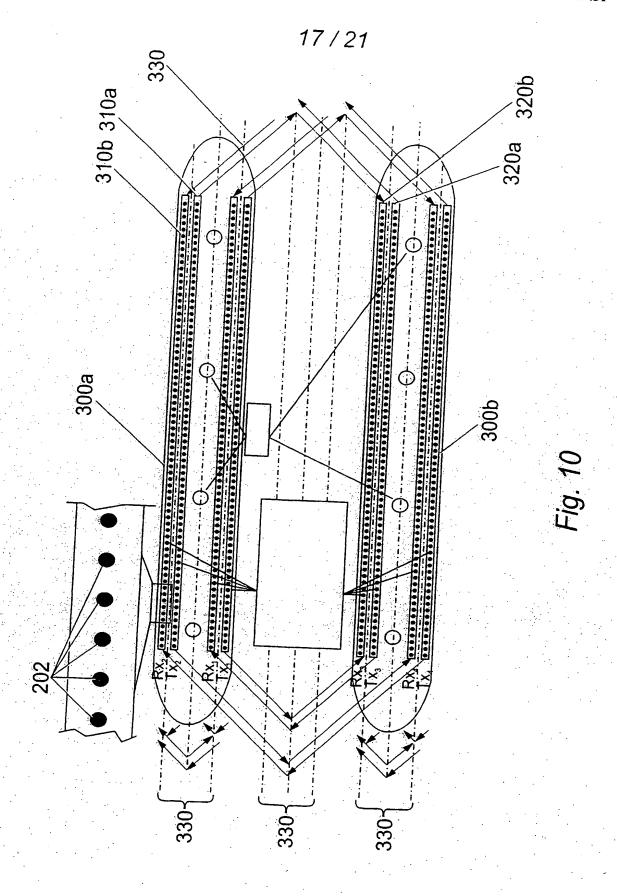


Fig. 8C

Fig. 8D







SUBSTITUTE SHEET (RULE 26)

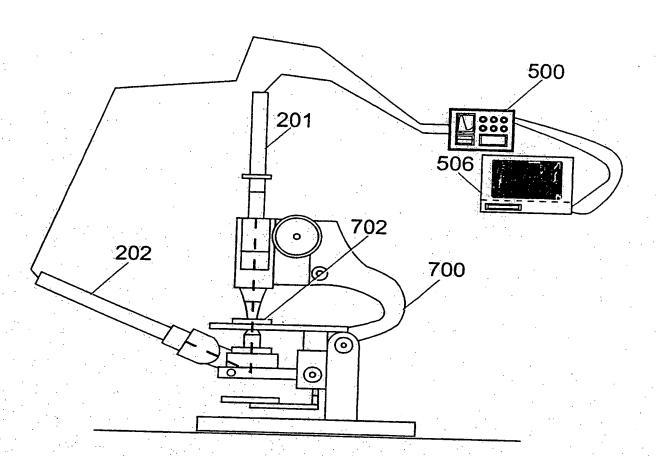


Fig. 11A

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PCT/GB00/03431

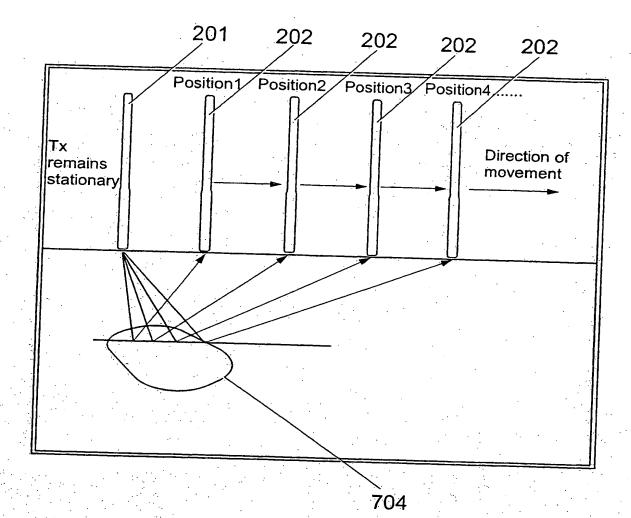


Fig. 11B

Ts.	(ns)	0.05	0.05	0.1	0.25	0.5	0.25	0.5	0 625	1 25	25	25	i TC	10	40	40
1/SR	(Sdelay)	0.0004	0.001	0.001	0.0006	0.005	000	0.08	960.0	0.128	0.16	1.6	3.2	6.4	6.4	12.8
ScanRate (traces/s)		2500	1000	1000	1667	2000	12.5	12.5	10.4	7.8125	6.25	0.625	0.3125	0.15625	.15625	0.078125
Ptr		40	100	19	09	20	8000	8000	9600	6400	4000	8000	8000	9	4000	40000
Fmin (MHz)		1000	1000	200	200	100	125	62.5	20	25	12.5	12.5	6.25	7.72	+	
Fmax (MHz)		10000	00001	2000	70007	0001	70007	300	200	400	007	7007	001	100	12.3	16.21
TR (ns)		7 1	n \$	2 4	5 2	2000	7000	0004	0000	0000	2000	40000	80000	16000	250000	
Pw (ns)	-	0 0		50	1			-	- -	+	- C	7 0	10	10	10	
PRF (kHz)	100	100	100	100	100	100	100	100	202	25	202	25	12.5	6.25	3.125	,
Space (m)	0.00167	0.00167	0.00167	0.00167	0.00167	0.01667	0.01667	0.01667		0.01667	0.16667	0.16667	0.16667	0.16667	0.16667	
Time (ps) Space	50	50	100	250	200	250	200	625	1250	2500	2500	5000	10000	40000	62500	
	A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	5	36	36	2 2	3	Opmulian Date
			,				•			:						

Ptr = number of pixels per trace
PRF = Pulse Repetition Frequency
Pw = Pulse Width
TR = Time Range
Fmax = Maximum Frequency
Fmin = Minimum Frequency
Fmin = Minimum Frequency
Resolution Time = time between pixels going down the trace
SR = Sampling Rate

Sampling Rate=Fs=2*Fmax
Range for all generic types=1/4Fmax-4 Fmax
Ptr=Time Range(TR)/Sampling Time (ts)
Sampling Time=Ts=1/2Fmax, time occupied
by 1 pixel in the y-direction going down the tre

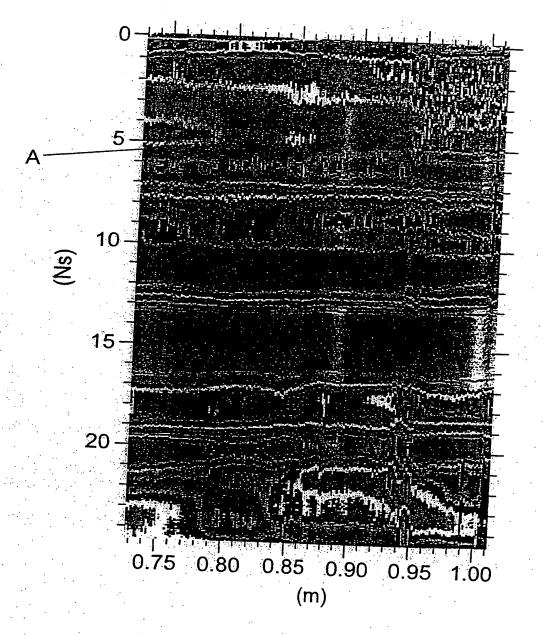


Fig. 13